

### WHAT IS CLAIMED IS:

1. A reading control device for a four-line resistive touch panel including first and second conducting plates wherein the reading control device is electrically energized to alternately apply voltage to both the first and second conducting plates so that a discharge is performed on the conducting plate not being electrically energized and an activation voltage is next read from the discharged conducting plate, thereby obtaining correct location data from the activation voltage.

2. The reading control device as claimed in claim 1, further comprising a resilient member made of dielectric insulating material between the first and second conducting plates.

3. The reading control device as claimed in claim 1, wherein the first conducting plate comprises two edges of X(+) and X(-) and the second conducting plate comprises two edges of Y(+) and Y(-) respectively.

4. The reading control device as claimed in claim 1, further comprising a bus including four lines each electrically coupled to one of the edges X(+), X(-), Y(+), and Y(-).

5. The reading control device as claimed in claim 1, further comprising a reading control circuit including two ground circuits for discharging.

6. The reading control device as claimed in claim 5, wherein the reading control circuit further includes a plurality of switch transistors, two of the switch transistors being operative to couple to the ground circuits so that each switch transistor associated with the ground circuit is adapted to switch between the discharge via the coupled ground circuit or the activation voltage reading.

7. The reading control device as claimed in claim 4, wherein voltage is alternately applied to each edge of the first and second conducting plates

via the corresponding line of the bus so as to conduct the corresponding switch transistor for discharging the conducting plate not being electrically energized via the coupled ground circuit and read the activation voltage from the discharged conducting plate, thereby obtaining correct location data from the activation voltage.

8. The reading control device as claimed in claim 5, wherein voltage is alternately applied to each edge of the first and second conducting plates via the corresponding line of the bus so as to conduct the corresponding switch transistor for discharging the conducting plate not being electrically energized via the coupled ground circuit and read the activation voltage from the discharged conducting plate, thereby obtaining correct location data from the activation voltage.

9. The reading control device as claimed in claim 6, wherein voltage is alternately applied to each edge of the first and second conducting plates via the corresponding line of the bus so as to conduct the corresponding switch transistor for discharging the conducting plate not being electrically energized via the coupled ground circuit and read the activation voltage from the discharged conducting plate, thereby obtaining correct location data from the activation voltage.